

**ON GLOBAL EXISTENCE OF SOLUTIONS OF AN ABSTRACT
NONLINEAR FUNCTIONAL INTEGRODIFFERENTIAL
EQUATION**

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Abstract

The present paper investigates the global existence of solutions of nonlinear functional integrodifferential equation in Banach spaces. Our analysis is based on an application of the Leray-Schauder alternative, rely on a priori bounds of solutions and Pachpatte's inequality.

Key Words and Phrases : *Fuunctional Integrodifferential equation, Integral inequality, Global existence.*

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